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ARGENTINE REPUBLIC

Ministry of Economy
and Public Services and Works
National Institute of Industrial Property

CERTIFICATE OF DEPOSIT

Appl. No. P 03 01 04751

The Commissioner of the National Administration of Patents certifies that on 19 DECEMBER 2003 a submission was received in the name of KUO JEN LEE, with domicile in FEDERAL CAPITAL, ARGENTINE REPUBLIC (AR), of an Application for a UTILITY PATENT related to a LUGGAGE RACK WITH REMOVABLE ANTI-THEFT LOCK FOR TWO WHEEL VEHICLES, which description and attached drawings are a true copy of the documents deposited with this National Institute of Industrial Property.

It is certified that the attached FIFTEEN pages are a correct copy from the records of the National Administration of Patents of the Argentine Republic containing the documents related to the Application for the Utility Patent previously identified.

AT THE REQUEST OF APPLICANT AND IN ACCORDANCE WITH THE PARIS CONVENTION (LISBON 1958), APPROVED BY LAW 17,011, THE PRESENT CERTIFICATE OF DEPOSIT IS ISSUED IN BUENOS AIRES, ARGENTINA, ON THE TWENTY SECOND DAY OF THE MONTH OF DECEMBER OF 2003.

Signed by: Engineer Luis M Nogues
Commissioner
National Administration of Patents

Argentine Republic (AR)

INPI (Argentine Patent and Trademark Office)

APPLICATION FOR:

PATENT ☒

DESIGN OR UTILITY MODEL ☐

Filing Date: [Stamp] INPI (Argentine Patent and Trademark Office). December 3, 2003.

1:49 PM. Receiving Office.

Serial No. P 030104751

I. APPLICANT(S)

1) Surname and Name/Name or Firm Name: LEE, Kuo Jen

2) Identification: Identity Card No. 92,600,296

Civil Status: Married

Wedlock: First Marriage

Spouse's Name: YANG Ming Me

3) Public or Private Social Security Fund No.

Worker or Taxpayer Identification Number: 20-92600296-2

Value Added Tax. Gross Revenue Tax 1047265-07

4) Registered under National Industrial Registry (Decree-Law 19971/72) No.

5) Residence: La Pampa 1442 – P.2º - Apt. D – Buenos Aires

Domicile: Moldes 4186 – Buenos Aires (1429)

II.

6) Title of the Invention: **“Luggage rack arrangement and removable block with anti-theft lock for two-wheeled vehicles ”**

7) Nature of the Patent/Utility Model: Patent

Final, for a Term of Twenty (20) years

Additional to Application No. / Letters Patent No.

Divisional of Application No.

8) Act 17,011 Priority Date

Country

No.

III. Enclosures

9) Enclosed are the following papers:

a) Required Fee Payment Receipt

☒

b) Technical Sheet Form (EXHIBIT II)	<input checked="" type="checkbox"/>
c) Title Sheet	<input checked="" type="checkbox"/>
d) Specification	<input checked="" type="checkbox"/>
e) Claims, signed	<input checked="" type="checkbox"/>
f) Drawings (Exhibit III)	<input checked="" type="checkbox"/>
g) Number of reduced drawings	--
h) Abstract (Exhibit IV)	<input checked="" type="checkbox"/>
i) Certified Copy (Act 17,011)	<input type="checkbox"/>
j) Assignment Document	<input type="checkbox"/>
k) Informal Drawings	<input type="checkbox"/>

IV. Corporations

10) Corporation, represented by

who declares under oath that he is acting as
that his commission has not yet expired and that the Corporation is registered in
on under No. Page Book Volume

V. Commission

11) Power of Attorney registered in Registered in the INPI under No.
Other Registry No.

12) In this act, Susana E. Liberman, Agent No. 1228 and José D. Almada, Identity Card No. 8878972 are hereby authorized to do all those procedures such as detaching documents from a file, withdrawing certified copies, certificates, letters patent, copies and notices in the file.

13) A power of attorney is enclosed ☒

14) Public or Private Retirement Fund Worker or Taxpayer
Identification N°

15) Agent No. 1228

VI. Remarks

[Signature] Susana E. Liberman , José Almada. (Authorized Signature)

[Signature] LEE, Kuo Jen. (Applicant(s)'s and/or Attorney(s)'s Signature)

PATENT APPLICATION
FOR
“LUGGAGE RACK ARRANGEMENT AND REMOVABLE BLOCK
WITH ANTI-THEFT LOCK FOR TWO-WHEELED VEHICLES”
APPLICANT : KUO JEN LEE

DOMICILE: Moldes 4286 – Buenos Aires (1429)

NATURE: Final for twenty (20) years

FIELD OF INVENTION

This patent consists in a luggage rack arrangement and removable block with anti-theft lock for two-wheeled vehicles

In order to make this patent understandable, and so that it can be easily practiced, in the following paragraphs an accurate description and a preferred embodiment thereof will be provided, referring to the illustrative drawings attached hereto, the whole being a purely demonstrative non-limiting example of the invention the components of which can be selected from various equivalents without departing from the principles set herein.

BACKGROUND OF THE INVENTION

The inventor has taken various practical and economic aspects into account, which have led him to make this embodiment.

Two-wheeled vehicles for personal transport, entertainment and sport are very well known and accepted. Additionally, multiple applications proposed for the same are emphasized in order to make them more convenient for different kinds of useful activities and thus achieving a greater yield and comfort for the vehicle.

When this kind of vehicles are used for long rides in country zones or when they are used to transport various articles, it is very useful to apply devices in order to increase both the rider's and luggage security. Thus a great number of such devices are known which, with different application methods are all for the same purpose.

The inventor knows Patent EP05927886 that deals with an arrangement having a luggage rack over the back wheel fastened to the saddle by two side hooks and the other end thereof that is fastened the axle of said wheel adds two side racks.

Patent EP0440052 deals with a luggage rack arrangement with a rigid metal rod attached to the structure and frame of the vehicle which, when placed

while the vehicle is being used, keeps luggage in place later serving, by means of a lock at its end, as a retainer for the vehicle preventing its theft.

Patent DE4232806 deals with a security device for bicycles and consists in a V-shaped lock held by three mounts attached to the luggage rack located over the back wheel. It is locked with passing holes that allow to adjust it to any portion of the V-shaped rod.

Patent DE4226008 deals with an arrangement for bicycles, especially mountain bikes, consisting in a luggage rack located at the back of the rider's saddle fastened to the vehicle by a longitudinal rod fastened to the saddle base, this rod comprises for installation onto the luggage rack telescopic tubes appropriately arranged for such purposes, has got a locking device that can be used to fasten the vehicle to firm physical elements.

Patent EP0763460 deals with a luggage rack to be placed at the back of a two-wheeled vehicle. It has got two articulated tubes with respective wheels at their ends that can be lowered when the vehicle is not being used so that they are placed on the floor. The upper part is fastened to the bicycle frame.

Patent DE4102918 deals with a device comprising two longitudinal and parallel beams that are secured to both sides of the rear luggage rack of a bicycle and two transversal beams. The longitudinal beams are longer than the luggage rack in order to hold at their ends a lock. On the retainers of the luggage rack and secured by the device a small children's seat can be placed.

US Patent 4666071 deals with a device with two horizontal side beams the upper part of which is L-bent forming an inverted U in order to be secured on the back axle of the bicycle, and has got a lock with a key.

Patent EP0440052 deals with a device comprising a luggage rack for a bicycle having a U-shaped rod which at its free ends has got a lock with a key. This lock is located at the back of the rider's saddle and the longitudinal rods relative to the vehicle frame.

Patent DE4226008 deals with a luggage rack for bicycles fastened at the back of the rider's saddle by a longitudinal rod one of which ends is fastened to the anchorage of said saddle and the rear part to the back axle of the vehicle. On

the luggage rack a container is fastened that is designed for transporting elements or articles, said container is firmly fastened to the luggage rack. A U-shaped rod added to the whole by a lock with a key is for the purpose of protecting the vehicle.

US Patent 4383265 deals with a back luggage rack device for bicycles, having a base that rests behind the rider's saddle with two rods secured to the back axle of the vehicle, said rods may vary in their length, the device may be used in vehicles of various sizes. A U-shaped rod is located longitudinally relative to the base and the frame of the bicycle, its open end to the front where it has got a lock. The base can be extended and change its position.

Patent DE4041460 deals with a luggage rack device with an exchangeable saddlebag. The saddlebag is mounted on the base at the back of the bicycle and has got a rod that secures it to the luggage rack with its handle as it has got a lock at one of its ends. The luggage rack base can vary in length and width.

The patent being disclosed herein is related to a luggage rack arrangement and removable block with anti-theft lock for two-wheeled vehicles.

BRIEF DESCRIPTION OF THE DRAWINGS

In the attached sheets figure 1 illustrates an exploded view of the whole.

Figure 2 illustrates a top perspective view of the luggage rack; figure 3 illustrates a side perspective view of the luggage rack; figure 4 illustrates a front perspective view of the luggage rack; figure 5 illustrates a side perspective view of the saddlebag; figure 6 illustrates a perspective view of the top bag base; figure 7 illustrates a front perspective view of the top bag base; figure 8 illustrates a perspective view of the block and lock with a key.

In the figures described above, similar reference numerals indicate similar or corresponding parts, wherein number 1 indicates the saddlebag; number 2 indicates the rigid material tube; number 3 indicates a rigid material tubular handle; number 4 indicates rigid material lower washers; number 5 indicates rigid material rods; number 6 indicates a rigid material tube; number 7 indicates an internal rigid material semicircular molding; number 7b indicates an external

rigid material semicircular molding; number 8 indicates a rigid material U-shaped rod; number 9 indicates a key; number 10 indicates a cylindrical lock; number 11 indicates rigid material upper washers; number 12 indicates a rigid metal rectangle; number 13 indicates a rectangular bag; number 14 indicates a strip; number 15 indicates a rigid material rectangular body; number 16 indicates rigid material rods; number 17 indicates rigid material tubes; number 18 indicates a reflecting element.

DESCRIPTION OF PREFERRED EMBODIMENT

This patent basically consists in an arrangement comprising a luggage rack and removable block with anti-theft lock for two-wheeled vehicles.

The main body comprises two rigid material rods descending in two consecutive angles and with opposite openings of approximately 45° each towards the vehicle back over its back wheel, at the upper and distal ends of the back wheel, two washers are provided as appropriate fixing elements and the upper back ends are connected to a rigid material rectangular body which in turn provides the necessary supporting elements to saddlebags with a rigid material tubular handle and a rectangular saddlebag to be located at the top of the arrangement. On both sides of the rigid rectangular body, two rigid material rods each of them is V-shaped, provide at their bottom two rigid material washers as appropriate fastening elements connected to the vehicle back wheel axle.

On both sides of the rigid material rectangular body upper surface, respective internal and external semicircular moldings are placed as a housing for rigid material tubular handles of the saddlebags and for the rigid material tubes located on the lower surface of the top rectangular bag. Once the fixing elements have been placed in their housings, they are shackled by the longitudinal passage to the vehicle body and the arrangement from back to front by a U-shaped rigid material rod with a cylindrical lock with a key.

Having set the different components of the embodiment of the patent being disclosed herein, developed in order to explain its nature, the description is

completed below by the functional and operating relation of its parts and the results they give.

The luggage rack comprises two rigid material parallel rods 16 which provide at their upper end two rigid material upper washers 11 which are fixed to the screw which in turn secures the saddle holder of two-wheeled vehicles; they descend in two consecutive angles and with opposite openings of about 45° each, towards and over the vehicle back wheel. Under these rigid material rods 5, it is fixed by a heating process to a rigid material rectangular body 15 which constitutes the supporting base for the saddlebags on its sides 1 and for the rectangular bag 13 on its upper surface.

The rigid material rods 5 constitute the support as described above as they are placed in its central part connected to the rigid material rectangular body 15 by a heating process, they descend at a 90° angle on both sides of the rigid material rectangular body 15 and their lower elements are joined by rigid material lower washers 4 designed to be fixed on both sides of the back wheel axle of the vehicle. At the 90° upper angles formed by the rods that shackle the saddlebags 1 the rigid material tubes 6 and the rigid material tubes 17, the U-shaped rigid material rod 8 being secured by a cylindrical lock 10.

The arrangement is supported on the two-wheeled vehicle frame by the rigid material upper washers 11 by the screw with a nut that normally fastens the saddle of the two-wheeled vehicle and the rigid material lower washers 4 by the nuts of the back wheel axle of the two-wheeled vehicle.

CLAIMS

Having described and determined the nature of the invention, its scope and the way in which it can be essentially practiced, the following is declared as patent and of exclusive ownership

1. An arrangement for a luggage rack and removable block with anti-theft lock for two-wheeled vehicles comprising supporting rods connected to a rectangular body; appropriate supporting elements of an upper rectangular bag, two side saddlebags, a U-shaped rigid rod with a cylindrical lock and a key; on the supporting rods a rigid material rectangular body is connected; respective internal and external semicircular moldings separated by respective tubes; said side bags provide rigid tubular handles and the upper rectangular bag provides a rigid internal base with respective external rigid material tubes, said bags and upper bag are shackled over the arrangement by said U-shaped rigid rod provided with a cylindrical lock with a key.
2. An arrangement according to claim 1, comprising a rectangular bag provides a rigid internal base.
3. An arrangement according to claim 1, comprising a rigid internal base of the rectangular bag that provides respectively external and internal semicircular moldings.
4. An arrangement according to claim 1, comprising side saddlebags that provide a rigid material tubular handle.

ABSTRACT

This patent basically comprises an arrangement for a luggage rack and removable block with anti-theft lock for two-wheeled vehicles.

The main body comprises two rigid material rods descending at two consecutive angles and with opposite openings of about 45° each, towards the back of the vehicle over the its back wheel, at the upper and distal ends of the back wheel, two washers are provided as appropriate fixing elements and the back ends are connected to a rigid material rectangular body which in turn provides the necessary supporting elements for saddlebags with a rigid material tubular handle and for a rectangular bag to be located on top of the arrangement. On both sides of the rigid rectangular body, two rigid material rods each of them is V-shaped, provide at the bottom two rigid material washers as appropriate fastening elements connected to the axle of the back wheel of the vehicle.

On both sides of the upper surface of the rigid material rectangular body, respective internal and external semicircular moldings are located as housings for the rigid material tubular handles of the saddlebags, and for the rigid material tubes located on the lower surface of the upper rectangular bag. Having located the fixing elements in their housings, they are shackled by the longitudinal passage to body of the vehicle and of the arrangement from the back to the front by a U-shaped rigid material rod with a cylindrical lock with a key.

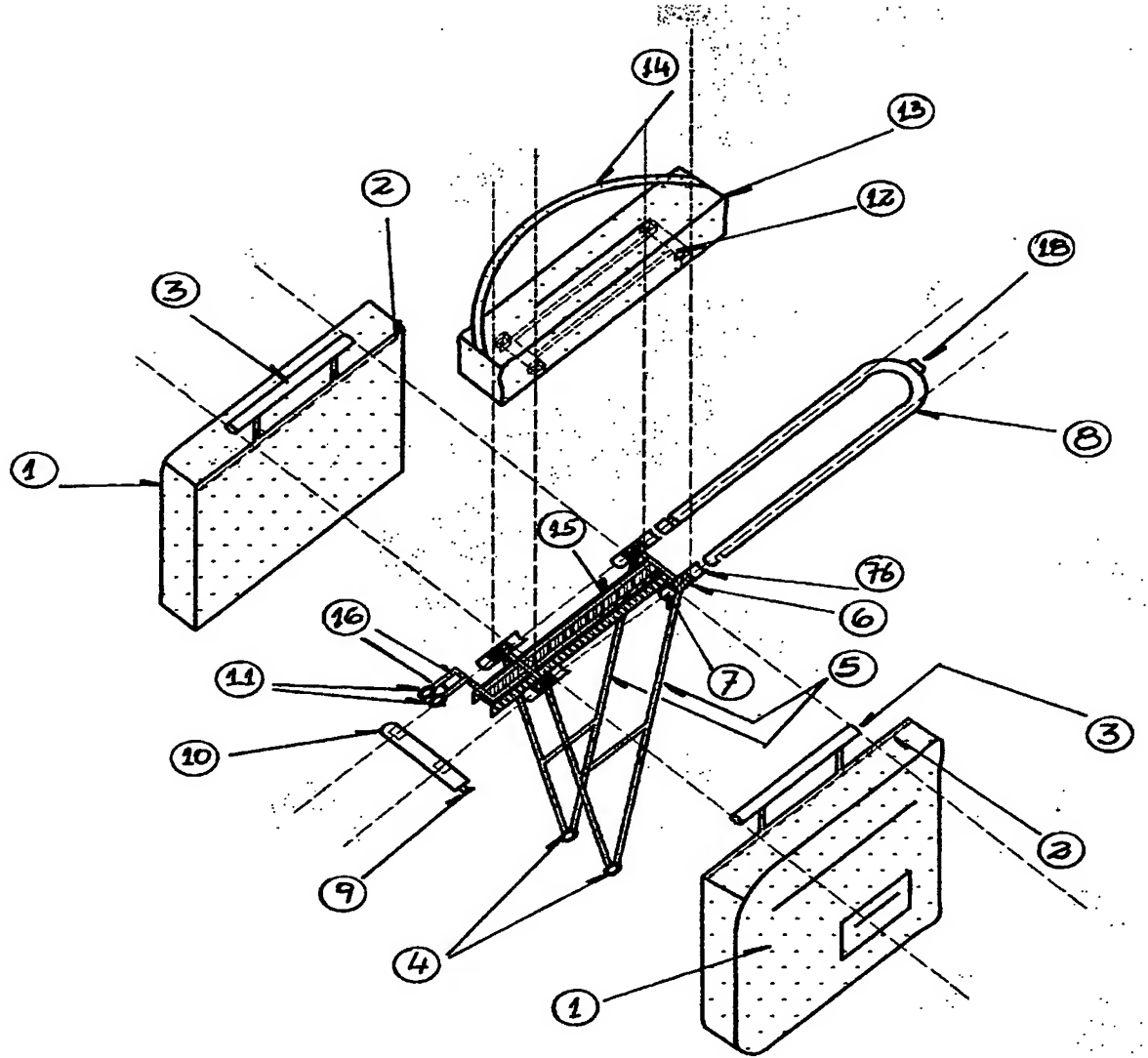
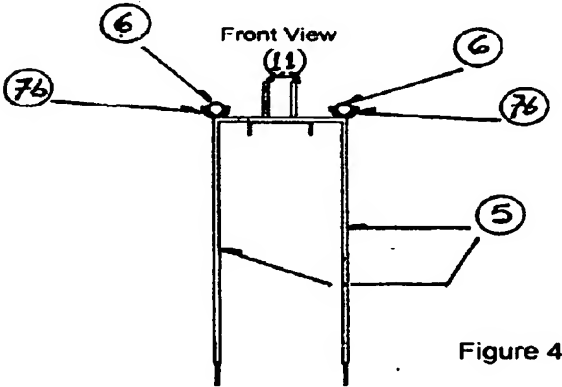
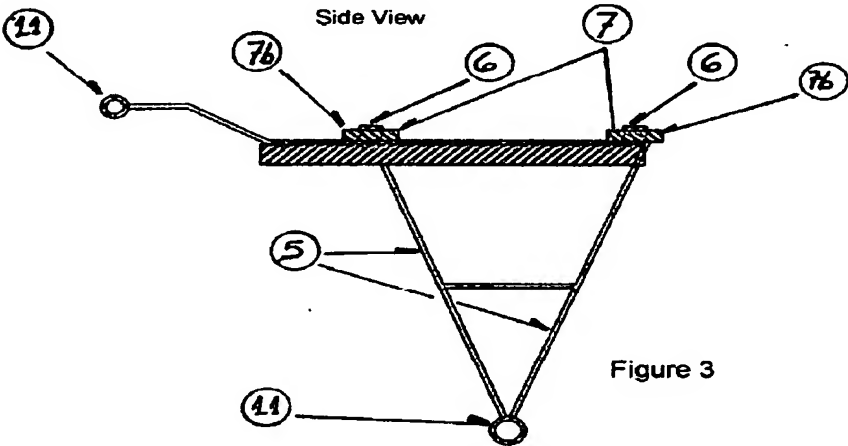
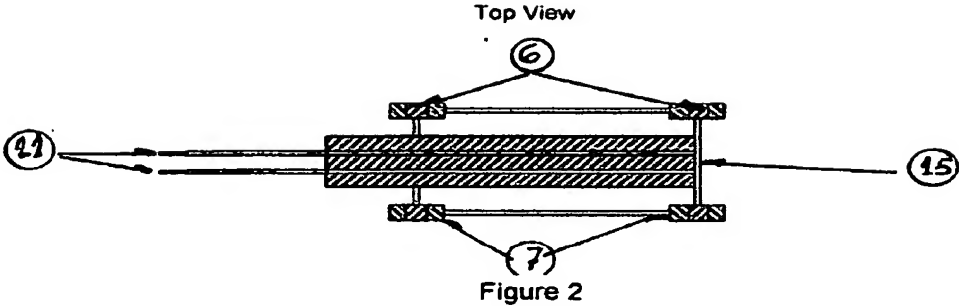


Figure 1



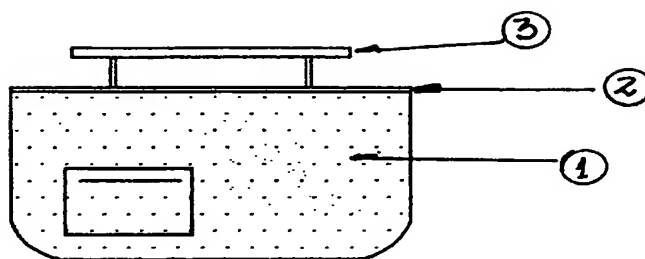


Fig. 5

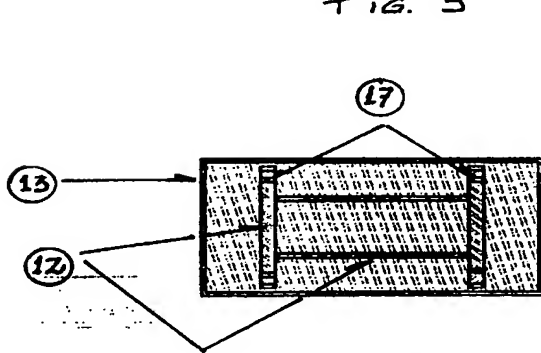


Fig. 6

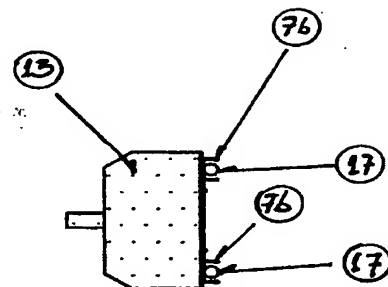


Fig. 7

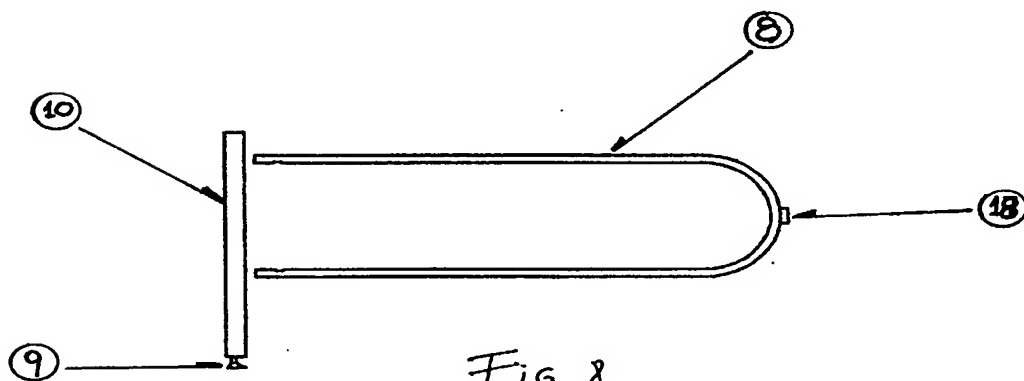


Fig. 8

TECHNICAL SHEET

(19) INPI (Argentine Patent and Trademark Office). ARGENTINE REPUBLIC

(10) Publication No.: AR

(21) Application No.:

(51) Int. Cl.:

(12) Letters Patent

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(41) Application Publishing Date:

Gazette No.

(61) Additional to

(62) Divisional of

(71) Applicant(s): Lee, Kuo Jen

(72) Inventor(s): Lee, Kuo Jen

(74) Agent: 1228

(83) D. Microorganisms:

(54) Title of the Invention: Luggage rack arrangement and removable block with anti-theft lock for two-wheeled vehicles

ABSTRACT: This patent basically comprises an arrangement comprising a luggage rack and removable block with anti-theft lock for two-wheeled vehicles.

The main body comprises two rigid material rods descending at two consecutive angles and with opposite openings of about 45° each, towards the back of the vehicle over the its back wheel, at the upper and distal ends of the back wheel, two washers are provided as appropriate fixing elements and the back ends are connected to a rigid material rectangular body which in turn provides the necessary supporting elements for saddlebags with a rigid material tubular handle and for a rectangular bag to be located on top of the arrangement. On both sides of the rigid rectangular body, two rigid material rods each of them is V-shaped, provide at the bottom two rigid material washers as appropriate fastening elements connected to the axle of the back wheel of the vehicle.

On both sides of the upper surface of the rigid material rectangular body, respective internal and external semicircular moldings are located as housings for the rigid material tubular handles of the saddlebags, and for the rigid material tubes located on the lower surface of the upper rectangular bag. Having located the fixing elements in their housings, they are shackled by the longitudinal passage to body of the vehicle and of the arrangement from the back to the front by a U-shaped rigid material rod with a cylindrical lock with a key.

Most representative Figure: Sheet No. 1

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TECHNICAL SHEET

(19) INPI (Argentine Patent and Trademark Office). ARGENTINE REPUBLIC

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On both sides of the upper surface of the rigid material rectangular body, respective internal and external semicircular moldings are located as housings for the rigid material tubular handles of the saddlebags, and for the rigid material tubes located on the lower surface of the upper rectangular bag. Having located the fixing elements in their housings, they are shackled by the longitudinal passage to body of the vehicle and of the arrangement from the back to the front by a U-shaped rigid material rod with a cylindrical lock with a key.

Most representative Figure: Sheet No. 1